

Simplified Scientific  
**Ephemeris**

**1912**

---

*A EYE SAVER*

*A TIME SAVER*

*A MONEY SAVER*

**The Rosicrucian Fellowship**

*Oceanside, California, 92054*

# The Rosicrucian Cosmo-Conception

By MAX HEINDEL

An inspiring book containing investigated facts which bridge the seeming gap between Religion and Science; facts that thrill the modern intellect and comfort the old-fashioned heart.

This is the

textbook

used in the

Rosicrucian

Philosophy

Correspondence

Courses

702 pages, with Topical Index of 57 pages and Alphabetical Index of 95 pages.

Paper Bound

607 pages. Identical with cloth, but has Topical Index only.

## PARTIAL CONTENTS

Visible and invisible worlds  
Man, and method of evolution  
Spirit, soul, and body  
Thought, memory, soulgrowth  
Conscious, subconscious, and superconscious mind  
Science of death, the beneficence of Purgatory, life in Heaven  
Preparations for rebirth  
The Law of Consequence  
The Relation of man to God  
Genesis and evolution of our solar system; Chaos the seed-ground of Cosmos  
Birth of the planets: Planetary Spirits  
The moon an eighth sphere of retrogression  
Separation of the sexes  
Lucifer Spirits and the Fall  
Sixteen paths to destruction  
Christ and His mission  
The mystery of Golgotha and the cleansing blood  
Future development and Initiation  
The method of acquiring first-hand knowledge  
Western methods for Western people.

Prices on Request

THE ROSICRUCIAN FELLOWSHIP

Oceanside, California, U.S.A.

• Send for Catalogue of our complete Publications •

## EPHEMERIS OF PLUTO FOR 1912

Date	Long.	Dec.	Date	Long.	Dec.
January 27	27° II 15'R	16° N 59'	July 25	29° II 15'	17° N 23'
February 26	26° II 56'	17° N 4'	August 24	29° II 47'	17° N 22'
March 27	26° II 56'D	17° N 10'	September 23	0° 50' 01'R	17° N 20'
April 26	27° II 17'	17° N 16'	October 23	29° II 56'	17° N 17'
May 26	27° II 52'	17° N 20'	November 22	29° II 32'	17° N 16'
June 25	28° II 35'	17° N 23'	December 22	28° II 57'	17° N 16'

---

## The Rosicrucian Christianity Lectures

This set of 20 Lectures was Mr. Heindel's first presentation to the public of the authentic Western Wisdom Teachings given to him directly by the Elder Brothers of the Order of the Rose Cross. Read consecutively they give a comprehensive understanding of the Rosicrucian Philosophy, but each lecture is complete in itself.

Bound in uniform style with other Fellowship books in green cloth and stamped with red and gold. Illustrated with charts and diagrams.

374 Pages      Indexed      Cloth Bound

---

## Mysteries of the Great Operas

By MAX HEINDEL

Wagner the Master Musician and Goethe the Poet-Initiate have touched with magic the Story of Evolution. A Myth is a veiled symbol containing a great cosmic truth. The myths conceal many of the hidden truths which are now being translated from symbol and allegory.

*These magnificent Operas expound the most profound truths of God and Nature.*

176 Pages      Cloth Bound      Index

**THE ROSICRUCIAN FELLOWSHIP**

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES  
Calculated for Mean Noon at Greenwich  
JANUARY, 1912

New Moon January 19th in ♑ 28° 4'

Longitude of the Planets

D	⊕	♀	☿	♃	♄	♅	♆	♇	♈	♉	♊
	°VS'	°m'	°t'	°8'	°8'	°t'	°8'	°8'	°VS'	°o'	°r'
1	9 43	26 11	25⅓ 16	26 40	13R30	4 38	24 21	28 17	22R45	27 05	
2	10 44	27 21	24 45	11Π26	28	50	24	21	43	02	
3	11 46	28 31	23 26	33	27	5 02	27	24	42	26	59
4	12 47	29 41	13 11	54	25	.14	31	28	40	56	
5	13 48	0 1 51	D12	27 16	24	.26	36	31	38	52	
6	14 49	2 02	19 12	28	23	.38	42	35	36	49	
7	15 50	3 12	24 35	27 20	13 22	5 50	24 48	28 38	22 35	26 46	
8	16 51	4 23	58	11m44	21	6 01	54	41	33	43	
9	17 52	5 34	25 27	25 39	21	13 25	02	45	31	40	
10	18 54	6 45	26 03	9- 3	20	25	10	48	30	36	
11	19 55	7 56	44 22	02	19	36	19	52	28	33	
12	20 56	9 07	27 30	4m37	19	47	28	55	26	30	
13	21 57	10 18	28 20	16 56	19	59	38	59	25	27	
14	22 58	11 30	29 14	29 01	13 18	7 10	25 49	29 02	22 23	26 24	
15	23 59	12 41	0VS12	10 1 59	18	21 26	00	06	21	21	
16	25 00	13 52	1 13	22 51	13D18	32	12	10	20	17	
17	26 01	15 04	2 16	4VS42	19	43	25	13	18	14	
18	27 03	16 16	3 23	16 34	19	54	38	17	16	11	
19	28 04	17 27	4 31	28 27	19	8 05	51	20	14	08	
20	29 05	18 39	5 42	10~~~23	19	15 27	05	24	13	04	
21	0~~~06	19 51	6 54	22 24	13 20	8 26	27 20	29 27	22 11	26 01	
22	1 07	21 03	8 09	4X30	21	36	35	31	09	25	58
23	2 08	22 15	9 24	16 44	22	47	51	34	08	55	
24	3 09	23 27	10 42	29 07	23	57	28 07	38	06	52	
25	4 10	24 39	12 00	11Υ44	24	9 07	23	41	04	49	
26	5 11	25 51	13 20	24 37	25	18	40	45	03	45	
27	6 12	27 04	14 41	7 8 50	26	28	58	48	01	42	
28	7 13	28 16	16 04	21 27	13 27	9 37	29 16	29 52	22 00	25 39	
29	8 14	29 28	17 26	5Π30	29	47	34	55	21	58	36
30	9 15	0VS40	18 51	19 59	30	57	53	59	56	33	
31	10 16	1 53	20 16	4Σ50	32	10 07	0Π12	0~~~02	55	30	

## SIMPLIFIED SCIENTIFIC

## EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

JANUARY, 1912

Full Moon January 4th in  $\omega$   $12^\circ 47'$ 

## Declination of the Planets

D	ST	$\odot$	$\varnothing$	$\wp$	$\mathbb{D}$	$\wp$	$\mathbb{N}$	$\wp$	$\mathbb{S}$	$\wp$	$\mathbb{N}$	$\wp$	$\mathbb{S}$	$\wp$
		S	S	S	N	N	N	S	S	N	S	N	S	N
1	18 39	23 06	16 49	20 11	21 46	13 37	20 20	21 01	21 02	20 57				
2	43	01	17 06	12 25	35	37	22	02	01	57				
3	47	22 56	22	13 27	42	36	25	03	01	58				
4	50	50	39	17	43	36	27	04	00	58				
5	54	44	55	22 25	38	36	29	06	20	59				
6	58	38 18 10	28 21	43		36	31	08	59	59				
7	19 02	22 31	18 26	20 36	16 29	13 36	20 33	21 10	20 58	20 59				
8	06	23	49	45	10 28	36	35	11	57	59				
9	10	15	55	54	4 09	37	37	14	56	21 00				
10	14	07	19 09	21 04	2s 10	37	39	16	56	00				
11	18 21	58	22	14	8 10	37	41	18	55	00				
12	22	49	35	24	13 42	37	43	21	55	00				
13	26	40	48	35	18 33	37	45	23	54	01				
14	19 30	21 30	20 00	21 45	22 33	13 37	20 46	21 26	20 54	21 01				
15	34	19	11	54	25 34	37	48	29	52	01				
16	38	08	23	22 04	27 24	37	50	31	51	02				
17	42 20	57	33	12 28	00	38	52	34	51	02				
18	46	46	43	20 27	18	38	54	38	50	02				
19	50	34	53	28 25	21	39	55	41	49	03				
20	54	21	21 01	34 22	17	39	57	44	49	03				
21	19 58	20 08	21 10	22 40	18 16	13 39	20 59	21 47	20 48	21 03				
22	20 01	19 55	18	44	13 29	40	59	51	47	03				
23	05	42	25	48	8 07	40	21 02	54	46	04				
24	09	28	32	51	2 22	40	04	58	46	05				
25	13	13	38	53	3N34	41	05	22 01	45	05				
26	17 18	59	43	53	9 30	42	07	05	44	05				
27	21	44	48	52	15 11	43	08	09	43	05				
28	20 25	18 29	21 52	22 51	20 18	13 43	21 09	22 13	20 42	21 05				
29	29	13	56	22 48	24 27	44	11	17	42	05				
30	33 17	57	59	44 27	11	45	13	20	41	05				
31	37	41 22	01	39 28	05	46	14	24	40	06				

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES  
Calculated for Mean Noon at Greenwich  
FEBRUARY, 1912

New Moon February 18th in ♓ 28° 29'

Longitude of the Planets

D	⊕	♀	☿	♃	♁	♄	♅	♆	♇	♈	♉	♊
	° $\frac{\text{m}}{w}$ '	° $\frac{\text{m}}{w}$ '	° $\frac{\text{m}}{w}$ '	° $\frac{\text{m}}{w}$ '	° $\frac{\text{m}}{w}$ '	° $\frac{\text{m}}{w}$ '	° $\frac{\text{m}}{w}$ '	° $\frac{\text{m}}{w}$ '	° $\frac{\text{m}}{w}$ '	° $\frac{\text{m}}{w}$ '	° $\frac{\text{m}}{w}$ '	° $\frac{\text{m}}{w}$ '
1	11 17	3 05	21 42	19 58	13 34	10 16	0 32	0 06	21R53	25 26		
2	12 18	4 18	23 09	5 13	36	25	52	09		52	24	
3	13 18	5 30	24 37	20 24	38	35	1 12	13		50	20	
4	14 19	6 43	26 06	5 20	40	44	33	16		48	17	
5	15 20	7 56	27 36	19 52	42	53	54	20		47	14	
6	16 21	9 08	29 06	3=56	45	11 02	2 16	23		45	10	
7	17 22	10 21	0 $\frac{\text{m}}{w}$ 37	17 30	13 47	11 11	2 37	0 27	21	44	25 07	
8	18 22	11 34	2 09	0 $\frac{\text{m}}{w}$ 36	50	19	59	30		42	04	
9	19 23	12 47	3 42	13 17	52	28	3 22	33		41	01	
10	20 24	14 00	5 15	25 38	55	36	45	37		39	24 58	
11	21 25	15 13	6 50	7 145	58	45	4 08	40		38	55	
12	22 25	16 26	8 25	19 41	14 01	53	31	43		37	52	
13	23 26	17 39	10 02	1 $\frac{\text{m}}{w}$ 33	04	12 01	55	47		35	48	
14	24 27	18 52	11 39	13 23	14 07	12 09	5 19	0 50	21	34	24 45	
15	25 27	20 05	13 17	25 15	11	17	43	53		33	42	
16	26 28	21 18	14 55	7 $\frac{\text{m}}{w}$ 12	14	24	6 08	57		31	39	
17	27 28	22 31	16 35	19 15	17	32	32	1 00		30	36	
18	28 29	23 44	18 15	1 $\frac{\text{m}}{w}$ 25	21	39	57	03		29	33	
19	29 29	24 57	19 57	13 44	25	46	7 23	06		27	30	
20	0 $\frac{\text{m}}{w}$ 30	2 $\frac{\text{m}}{w}$ 10	21 39	26 11	28	53	48	10		26	27	
21	1 30	27 23	23 23	8 $\frac{\text{m}}{w}$ 49	14 32	13 00	8 14	1 13	21	25	24 23	
22	2 31	28 37	25 07	21 38	36	07	40	16		24	20	
23	3 31	29 50	26 52	4 841	40	14	9 06	19		22	17	
24	4 32	1 $\frac{\text{m}}{w}$ 03	28 37	17 59	44	20	33	22		21	14	
25	5 32	2 16	0 $\frac{\text{m}}{w}$ 25	1 $\frac{\text{m}}{w}$ 35	49	27	10 00	25		19	10	
26	6 32	3 20	2 13	15 29	53	33	27	28		20	07	
27	7 33	4 43	4 03	29 42	57	39	54	31		18	04	
28	8 33	5 56	5 53	14 $\frac{\text{m}}{w}$ 13	15 02	13 45	11 21	1 34	21	17	24 01	
29	9 33	7 10	7 44	28 57	06	51	49	37		16	23 58	

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

FEBRUARY, 1912

Full Moon February 2nd in  $\varpi$   $12^\circ 18'$

Declination of the Planets

D	ST	$\odot$	$\alpha$ S	$\beta$ S	$\gamma$ S	$\delta$ N	$\epsilon$ N	$\zeta$ S	$\eta$ N	$\iota$ S	$\kappa$ N	$\mu$ S	$\nu$ N
1	20 41	17 24	22 03	22 33	26 55	13 47	21 15	22 28	20 40	21 06			
2	45	07	04	25 23	45	47	17	32	40	06			
3	49	16 50	05	16 18	58	48	18	36	38	07			
4	53	32	05	06 13	05	48	19	40	38	07			
5	57	15	04	21 54	6 37	50	20	45	37	07			
6	21 01	15 57	02	41 0	02	50	22	49	36	07			
7	21 05	15 38	22 00	21 27	6s21	13 52	21 23	22 53	20 35	21 08			
8	08	20 21	58	11	12 15	52	24	57	34	08			
9	12	01	54	20 54	17 27	54	25	23 01	34	08			
10	16 14	42	50	36 21	47	54	26	05	33	08			
11	20	22	46	16 25	05	56	27	09	32	09			
12	24	03	41	19 55	27 14	57	28	13	32	09			
13	28 13	43	35	33 28	08	59	29	17	31	09			
14	21 32	13 23	21 28	19 09	27 44	13 59	21 30	23 21	20 31	21 09			
15	36	02	21	18 44	26 04	14 01	31	25	30	10			
16	40 12	42	13	18 23	14	03	32	29	29	10			
17	44	21	05	17 50	19 23	04	33	33	28	10			
18	48	00 20	56	20 14	41	05	34	37	27	10			
19	52 11	39	46	16 50	9 22	06	35	41	27	11			
20	56	18	36	18 3	36	08	36	45	26	11			
21	22 00	10 57	20 25	15 44	2N23	14 09	21 36	23 49	20 25	21 11			
22	04	35	14	09	8 22	11	37	53	25	11			
23	08	13	02	14 33	14 07	12	38	57	24	11			
24	12 9	51 19	49	13 55	19 19	13	38	24 00	23	11			
25	15	29	36	16 23	40	15	39	04	23	12			
26	19	07	22	12 36	26 45	16	40	08	22	12			
27	23	8 44	08 11	54 28	12	18	41	11	21	12			
28	22 27	8 22	18 53	11 11	27 45	14 19	21 41	24 15	20 20	21 13			
29	31 7	59	38 10	27 25	23	21	42	18	20	13			

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

MARCH, 1912

New Moon March 18th in ♋ 27° 32'

Longitude of the Planets

D	⊕	♀	☿	♃	♄	♅	♆	♇	♈	♉	♊
	° ♋'	° ♌'	° ♍'	° ♎'	° ♏'	° ♐'	° ♑'	° ♒'	° ♓'	° ♔'	° ♕'
1	10 33	8 23	9 36	13 48	15 11	13 56	12 16	1 40	21R15	23 54	
2	11 33	9 36	11 29	28 38	16	14 02	44	43	14	51	
3	12 33	10 50	13 22	13m18	21	07	13 12	46	13	48	
4	13 34	12 03	15 17	27 42	25	12	41	49	12	45	
5	14 34	13 17	17 13	11-43	30	17	14 09	52	11	42	
6	15 34	14 30	19 09	25 20	35	22	38	54	10	39	
7	16 34	15 43	21 06	8m31	15 41	14 26	15 07	1 57	21 10	23 35	
8	17 34	16 57	23 03	21 18	46	31	36	2 00	09	32	
9	18 34	18 10	25 00	3 144	51	35	16 05	03	08	29	
10	19 33	19 24	26 58	15 55	56	39	34	05	07	26	
11	20 33	20 37	28 55	27 55	16 02	43	17 04	08	07	23	
12	21 33	21 51	0 52	9m348	07	47	33	11	06	20	
13	22 33	23 04	2 48	21 40	13	50	18 03	13	05	16	
14	23 33	24 18	4 44	3m34	16 19	14 54	18 33	2 16	21 05	23 13	
15	24 33	25 31	6 38	15 34	24	57	19 03	18	04	10	
16	25 32	26 45	8 31	27 43	30	15 00	33	21	04	07	
17	26 32	27 59	10 21	10m03	36	03	20 03	23	03	04	
18	27 32	29 12	12 09	22 36	42	06	34	25	03	02	
19	28 31	0 26	13 53	5 21	48	08	21 04	28	02	22 57	
20	29 31	1 39	15 35	18 19	54	10	35	30	02	54	
21	0 51	2 53	17 12	1 8 31	17 00	15 12	22 06	2 32	21 01	22 51	
22	1 30	4 06	18 45	14 54	06	14	37	34	01	48	
23	2 30	5 20	20 13	28 30	13	16	23 08	37	01	44	
24	3 29	6 34	21 36	12m18	19	18	39	39	00	41	
25	4 29	7 47	22 53	26 16	25	19	24 10	41	00	38	
26	5 28	9 01	24 04	10m24	32	20	42	43	00	35	
27	6 27	10 14	25 09	24 41	38	21	25 13	45	00	32	
28	7 27	11 28	26 08	9m02	17 45	15	22 25	45	2 47	21 00	22 28
29	8 26	12 42	26 59	23 26	51	23	26 16	49	20	59	25
30	9 25	13 55	27 45	7m47	58	23	48	51	59	22	
31	10 24	15 09	28 22	22 00	18 04	24	27 20	53	59	19	

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

MARCH, 1912

Full Moon March 3rd in  $\text{m}\varpi$   $12^\circ 33'$

Declination of the Planets

D	ST	$\odot$	$\varnothing$	$\wp$	$\mathbb{D}$	$\mathfrak{D}$	$\mathfrak{h}$	$\mathfrak{l}$	$\mathfrak{S}$	$\mathfrak{g}$	$\mathfrak{N}$	$\mathfrak{S}$	$\mathfrak{g}$	$\mathfrak{N}$	$\mathfrak{S}$	$\mathfrak{g}$
1	22 35	7 37	18 22	9 41	21 17	14 22	21	43	24	22	20	19	21	13		
2	39	14	05	8 54	15 50		24		43		25		19		13	
3	43	6 51	17 48	06	9 33		26		44		28		18		13	
4	47	28	31	7 17	2 52		27		44		31		18		13	
5	51	05	13	6 26	3s47		29		45		34		17		14	
6	55	5 42	16 54	5 34	10 05		30		45		37		17		14	
7	22 59	5 18	16 35	4 42	15 45	14 32	21	46	24	40	20	16	21	14		
8	23 03	4 55		16	3 48	20 33		33		46		43		16		14
9	07	31	15 56	2 54	24 19		36		47		46		15		14	
10	11	08	36	1 49	26 54		37		47		48		15		14	
11	15	3 44	15	04	28 11		39		48		51		14		14	
12	19	21	14 54	0 08		10		41		48		53		14		14
13	23	2 57	32	N48	26 51		43		48		56		12		15	
14	23 26	2 34	14 10	1 44	24 19	14 45	21	48	24	58	20	12	21	15		
15	30	10	13 48	2 40	20 44		47		49	25	00		11		15	
16	34	1 46	25	3 35	16 14		48		49		02		11		15	
17	38	23	02	4 29	11 01		50		50		04		10		15	
18	42	0 59	12 38	5 23	5 16		52		50		06		10		15	
19	46	35	14	6 15	0N47		54		50		08		09		15	
20	50	11 11 50	7 06	6 55			56		50		09		09		16	
21	23 54	0N12	11 26	7 55	12 51	14 58	21	50	25	11	20	08	21	16		
22	58	36	01	8 42	18 19	15 00			50		12		08		16	
23	0 02	1 00	10 36	9 27	22 55		02		51		13		07		16	
24	06	23	10	10 09	26 19		04		51		15		07		16	
25	10	47	9 45	49	28 09		06		51		16		06		16	
26	14	2 11	19	11 25	11		07		51		16		06		16	
27	18	34	8 52	59	26 22		09		51		17		06		16	
28	0 22	2 57	8 26	12 30	22 51	15 11	21	51	25	18	20	06	21	16		
29	26	3 21	7 59	57	17 56		13		51		18		05		16	
30	30	44	32	13 20	12 02		15		51		19		05		16	
31	33	4 07	05	40	5 34		17		51		19		04		16	

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

APRIL, 1912

New Moon (Eclipse) April 17th in  $\gamma$   $27^\circ 6'$

Longitude of the Planets

D	$\odot$	$\oplus$	$\ominus$	$\oplus$	$\ominus$	$\oplus$	$\ominus$	$\oplus$	$\ominus$	$\oplus$	$\ominus$	$\oplus$	$\ominus$	$\oplus$	$\ominus$		
	$^{\circ}\gamma'$	$^{\circ}\chi'$	$^{\circ}\gamma'$														
1	11	23	16	22	28	53	6	00	18	11	15R24	27	52	2	54	20d59	22 16
2	12	22	17	36	29	17	19	45	18	24	28	24	56	59	59		13
3	13	22	18	49		33	3m11		25	23	56	56	58	59	59		10
4	14	21	20	03		43	16	17	31	23	29	29	3 00	59	59		07
5	15	20	21	17		45	29	03	38	22	0 $\infty$ 01		01	21	00		03
6	16	19	22	30		R40	11 f 32		45	21	0 33		03	00	00		00
7	17	18	23	44	29	30	23	46	18	52	15	20	1 06	3 04	21	00	21 57
8	18	17	24	57		13	5V848		59	19		39	06	06			54
9	19	15	26	11	28	50	17	43	19	06	18	2 11	07	00			50
10	20	14	27	25		22	29	36	13	16		44	09	01			47
11	21	13	28	38	27	50	11 $\infty$ 32		21	14	3 17	10	01				44
12	22	12	29	52		14	23	34	28	12	50	11	01				41
13	23	11	1 $\gamma$ 06	26	35	5 $\times$ 46		35	10	4 23	12	02					38
14	24	10	2	19	25	54	18	13	19	42	15	08	4 56	3 14	21	02	21 35
15	25	08	3	33		11	0 $\gamma$ 56		50	05	5	29	15	03			31
16	26	07	4	46	24	27	13	57	57	03	6 02	16	03				28
17	27	06	6	00	23	44	27	17	20	04	00	35	17	04			25
18	28	04	7	14		01	10 $\gamma$ 53		12	14	57	7 08	18	04			22
19	29	03	8	27	22	20	24	44	19	54	42	19	05				19
20	0 $\gamma$ 01		9	41	21	42	8 $\Pi$ 46		26	50	8 15	20	05				16
21	1	00	10	54	21	06	22	57	20	34	14 47	8 49	3 21	21	06	21	12
22	1	58	12	08	20	34	7 $\infty$ 12		41	43	9 22		21		07		09
23	2	57	13	22		06	21	28	49	39	56		22	07			06
24	3	55	14	35	19	42	5 $\infty$ 42		56	35	10 30		23	08			03
25	4	54	15	49		23	19	52	21	04	31	11 04	24	09			00
26	5	52	17	02		08	3m55		12	26	37		24		10	20	57
27	6	50	18	16	18	58	17	49	19	22	12 11	25		11	20		53
28	7	49	19	30	18	53	1 $\infty$ 34		21	27	14 17	12 45	3 25	21	11	20	50
29	8	47	20	43	d53	15	07		34		12 13	19	26	12			47
30	9	45	21	57		58	28	28	42	07	13 53		26	13			44

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

APRIL, 1912

Full Moon (Eclipse) April 1st in  $\simeq 11^\circ 23'$

Declination of the Planets

D	ST	$\odot$	$\varnothing$ N	$\varnothing$ S	$\wp$ N	$\wp$ S	$\gamma$ N	$\gamma$ S	$\zeta$ N	$\zeta$ S	$\pi$ N	$\pi$ S	$\psi$ N	$\psi$ S
1	0 37	4 31	6 38	13 57	1 05	15 19	21 51	25 19	20 03	21 16				
2	41	54	10	14 09	7 35	21	51	19	03	16				
3	45	5 17	5 43	18	13 35	23	51	19	03	16				
4	49	40	15	24	18 50	25	51	19	03	16				
5	53	6 03	4 47	25	23 06	28	51	19	02	16				
6	57	25	18	22	26 11	30	51	18	02	16				
7	1 01	6 48	3 50	14 16	27 58	15 32	21 50	25 18	20 01	21 16				
8	05	7 10	22	06 28	24	34	50	17	01	16				
9	09	33	2 53	13 53	27 30	36	50	16	01	16				
10	13	55	25	37 25	21	38	50	15	01	16				
11	17	8 17	1 56	17 22	06	40	50	14	00	16				
12	21	39	27	12 54	17 54	42	50	12	00	16				
13	25	9 01	0 58	30	12 55	44	49	11	00	16				
14	1 29	9 23	0 30	12 03	7 20	15 46	21 49	25 09	20 00	21 16				
15	33	44	01	11 34	1 20	48	49	07	19 59	16				
16	37	10 06	N 28	04	4 N 51	50	49	06	59	16				
17	40	27	57	10 34	11 00	52	48	04	59	16				
18	44	48	1 26	03 16	45	54	48	01	59	19				
19	48	11 09	55	9 32	21 46	56	47	24 59	58	16				
20	52	29	2 24	02 25	36	58	47	57	58	16				
21	1 56	11 50	2 53	8 33	27 53	16 01	21 46	24 54	19 58	21 16				
22	2 00	12 10	3 22	05 28	21	03	46	51	58	16				
23	04	30	51	7 39	26 56	05	45	48	58	16				
24	08	50	4 19	15 23	48	07	45	45	58	16				
25	12	13 10	48	6 53	19 16	09	45	42	57	15				
26	16	29	5 17	34 13	42	11	45	39	57	15				
27	20	49	45	17	7 31	13	44	35	57	15				
28	2 24	14 08	6 13	6 02	1 02	16 15	21 43	24 32	19 57	21 15				
29	28	26	41	5 50	5 S 25	17	42	28	57	15				
30	32	45	7 10	40	11 31	19	42	24	57	15				

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

MAY, 1912

New Moon May 16th in  $\delta$   $25^{\circ} 13'$

Longitude of the Planets

D	$\odot$	$\varnothing$	$\varphi$	$\psi$	$\Delta$	$\zeta$	$\varpi$	$\sigma$	$\tau$	$\theta$	$\Psi$	$\Omega$
	$^{\circ}$ $\gamma'$											
1	10 43	23 10	19 07	11 34	21 50	14R02	14 27	3 26	21 14	20 41		
2	11 42	24 24		21 24	27	57	13 57	15 02	27	15	37	
3	12 40	25 37		40	7 $\frac{1}{2}$ 04	22 05	51	36	27	16	34	
4	13 33	26 51	20 03	19 28		13	46	16 10	27	17	31	
5	14 36	28 04		31	1V540	20	40	44	27	18	28	
6	15 34	29 18	21 02	13 42		28	34 17	19	28	20	25	
7	16 32	0 8 32	21 38	25 37	22 36	13 28	17 53	3 28	21 21	20 21		
8	17 30	1 45	22 18	7 $\frac{1}{2}$ 30		44	22 18	28	3R28	22	18	
9	18 28	2 59	23 01	19 25		51	16 19	02	28	23	15	
10	19 26	4 12	48	1 $\frac{1}{2}$ 26		59	10	37	27	24	12	
11	20 24	5 26	24 38	13 39	23 07		03 20	11	27	26	09	
12	21 22	6 39	25 32	26 07		15 12	57	46	27	27	05	
13	22 20	7 53	26 29	8 $\gamma$ 55		22	50 21	20	27	28	02	
14	23 18	9 06	27 29	22 06	23 30	12 43	21 55	3 27	21 29	19 59		
15	24 15	10 20	28 32	5 8 39		38	37 22	30	26	31	56	
16	25 13	11 34	29 38	19 36		46	30 23	05	25	32	53	
17	26 11	12 47	0 8 47	3 $\Pi$ 52		53	23	40	25	34	50	
18	27 09	14 01	1 58	18 22	24 01		16 24	15	25	35	47	
19	28 07	15 14	3 13	3 $\Xi$ 01		09	08	50	24	37	43	
20	29 04	16 28	4 29	17 40		17	01 25	25	24	38	40	
21	0 $\Pi$ 02	17 41	5 49	2 $\varnothing$ 14	24 24	11 54	26 00	3 23	21 40	19 37		
22	1 00	18 55	7 10	16 37		32	47	35	23	41	34	
23	1 57	20 08	8 35	0 $\varpi$ 47		40	39 27	10	22	43	31	
24	2 55	21 22	10 02	14 40		47	32	45	21	44	27	
25	3 53	22 35	11 32	28 19		55	24 28	20	20	46	24	
26	4 50	23 49	13 03	11 $\Delta$ 42	25 03		17	55	19	47	21	
27	5 48	25 03	14 38	24 53		11	09 29	31	19	49	18	
28	6 45	26 16	16 14	7 $\varpi$ 50	25 18	11 02	0 $\varrho$ 06	3 18	21 51	19 15		
29	7 43	27 30	17 54	20 36		26 10	54	41	17	52	12	
30	8 40	28 43	19 35	3 $\frac{1}{2}$ 11		34	46	1 17	16	54	09	
31	9 38	29 57	21 19	15 35		41	39	52	14	56	05	

## EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

MAY, 1912

Full Moon May 1st in  $\pi$   $10^{\circ} 43'$ Full Moon May 30th in  $\tau$   $8^{\circ} 40'$ 

## Declination of the Planets

D	ST	$\odot$	$\varnothing$	$\wp$	$\mathbb{D}$	$\mathfrak{d}$	$\mathfrak{z}$	$\mathfrak{U}$	$\mathfrak{S}$	$\mathfrak{g}$	$\mathfrak{H}$	$\Psi$
		N	N	N	S	N	S	N	S	N	S	N
1	2 36	15 03	7 37	5 33	17 02	16 21	21 41	24 20	19 57	21 15		
2	40	21	8 05	29	21 39	23	41	16	57	15		
3	44	39	33	27	25 12	25	40	11	57	14		
4	48	56	9 00	28	27 28	27	40	07	57	14		
5	51	16 14	27	31	28 22	29	39	02	57	14		
6	55	31	54	36	27 54	31	38	23 57	57	14		
7	2 59	16 47	10 21	5 44	26 09	16 33	21 37	23 52	19 57	21 14		
8	3 03	17 04	48	53	23 15	35	37	47	57	14		
9	07	20	11 14	6 05	19 23	37	36	42	57	14		
10	11	36	40	19	14 42	39	35	36	57	14		
11	15	52	12 06	35	9 23	41	34	31	57	13		
12	19 18 07	31	52	3 35	43	34	25	57	13			
13	23	22	57	7 11	2N31	45	33	19	57	13		
14	3 27	18 37	13 22	7 32	8 41	16 47	21 32	23 13	19 57	21 13		
15	31	51	46	54	14 38	49	31	07	57	13		
16	35 19	05 14 10	8 18	20 01	51	31	01	57	13			
17	39	19	34	43	24 23	53	30	22 55	58	12		
18	43	32	58	9 10	27 17	55	29	48	58	12		
19	47	45 15 21	37	28 20	57	28	41	58	12			
20	51	58	44 10 06	27 24	59	27	35	58	12			
21	3 55	20 10	16 07	10 36	24 36	17 01	21 26	22 28	19 58	21 11		
22	58	22	29 11 07	20 18	03	25	20	58	11			
23	4 02	34	50	39	14 55	05	24	13	59	11		
24	06	45	17 11 12 11	8 51	07	23	06	59	11			
25	10	56	32	45	2 29	08	22	21 58	59	10		
26	14 21 07	53 13 19	3s53	10	21	51	59	10				
27	18	17 18 12	54	9 58	12	21	43	20 00	10			
28	4 22	21 27	18 32	14 29	15 33	17 14	21 20	21 35	20 01	21 10		
29	26	37	51 15 04	20 22	16	19	27	01	09			
30	30	46 19 09	40	24 12	18	18	19	01	09			
31	34	54	27 16 16	26 50	19	17	10	01	09			

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

JUNE, 1912

New Moon June 15th in II  $23^{\circ} 58'$

Longitude of the Planets

D	$\odot$	$\varnothing$	$\vartheta$									
	$^{\circ}\Pi'$	$^{\circ}\Pi'$	$^{\circ}\vartheta'$									
1	10 35	1 10	23 05	27 50	25 49	10R31	2 28	3R13	21 58	19 02		
2	11 33	2 24	24 54	9V356	56	23	3 03	12	59	18 59		
3	12 30	3 37	26 44	21 54	26 04	16	39	11	22 01	56		
4	13 28	4 51	28 38	3M48	11	08	4 14	10	03	53		
5	14 25	6 04	0II33	15 40	19	01	50	08	05	49		
6	15 22	7 18	2 32	27 33	26	9 53	5 25	3 07	07	46		
7	16 20	8 32	4 32	9M33	26 34	9 45	6 01	3 06	22 09	18 43		
8	17 17	9 45	6 34	21 43	41	38	37	04	11	40		
9	18 14	10 59	8 37	4V09	49	30	7 12	03	12	37		
10	19 12	12 12	10 43	16 56	56	23	48	01	14	34		
11	20 09	13 26	12 50	0 808	27 04	15	8 24	00	16	30		
12	21 06	14 40	14 59	13 46	11	08	9 00	2 58	18	27		
13	22 04	15 53	17 08	27 53	18	01	36	57	20	24		
14	23 01	17 07	19 19	12II24	27 25	8 53	10 11	2 55	22 22	18 21		
15	23 58	18 20	21 31	27 15	33	46	47	53	24	18		
16	24 56	19 34	23 43	12S17	40	39	11 23	52	26	15		
17	25 53	20 48	25 54	27 20	47	32	59	50	28	11		
18	26 50	22 01	28 06	12S15	54	25	12 35	48	30	07		
19	27 48	23 15	0S17	26 54	28 01	18	13 12	46	32	05		
20	28 45	24 29	2 28	11m12	08	12	48	45	34	03		
21	29 42	25 42	4 38	25 08	28 15	8 05	14 24	2 43	22 36	17 58		
22	0S39	26 56	6 46	8M41	22	7 58	15 00	41	39	55		
23	1 37	28 10	8 53	21 54	29	52	36	39	41	52		
24	2 34	29 23	10 59	4m50	36	45	16 12	37	43	49		
25	3 31	0S37	13 02	17 32	43	39	49	35	45	46		
26	4 28	1 51	15 05	0 t 01	50	33	17 25	33	47	43		
27	5 25	3 04	17 05	12 21	57	27	18 01	31	49	39		
28	6 23	4 18	19 04	24 32	29 03	7 21	18 38	2 29	22 51	17 36		
29	7 20	5 32	21 00	6V37	10	15	19 14	27	53	33		
30	8 17	6 45	22 55	18 36	17	10	51	25	56	30		

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

JUNE, 1912

Full Moon June 29th in  $19^{\circ} 7^{\prime} 20^{\prime\prime}$

Declination of the Planets

D	ST	$\odot$	$\varnothing$	$\varphi$	$\vartheta$	$\delta$	$\beta$	$\gamma$	$\zeta$	$\psi$	$\omega$	$\Psi$
		N	N	N	N	S	N	S	N	S	N	N
1	4 38	22 03	19 44	16 52	28 09	17 21	21 16	21 02	20 01	21 09		
2	42	11 20	01 17	28 05		23	15 20	53	01	09		
3	46	19	18 04	26 42		25	14	44	02	08		
4	50	26	33	40 24	07	27	13	35	02	08		
5	54	33	49 19	15 20	32	28	12	26	02	08		
6	58	39 21	03	49 16	07	30	11	17	02	07		
7	5 02	22 45	21 17	20 22	11 03	17 31	21 10	20 08	20 03	21 07		
8	06	51	31	54 5	30	33	09 19	59	03	07		
9	09	56	44 21	25 0	23	35	08	49	04	06		
10	13 23	01	56	55 6	25	36	07	40	04	06		
11	17	05 22	08 22	23 12	23	38	06	30	04	06		
12	21	09	19	49 17	57	40	05	20	04	05		
13	25	13	29 23	13 22	45	41	04	10	05	05		
14	5 29	23 16	22 39	23 34	26 18	17 43	21 03	19 00	20 05	21 05		
15	33	19	48	54 28	06	45	02 18	50	06	04		
16	37	21	57 24	10 27	52	46	01	39	06	04		
17	41	23 23	05	24 25	36	48	00	29	07	04		
18	45	25	12	36 21	35	50 20	59	18	07	03		
19	49	26	18	44 16	18	51	58	07	08	03		
20	53	27	24	50 10	14	53	58 17	57	08	03		
21	5 57	23 27	23 29	24 53	3 48	17 54	20 57	17 46	20 09	21 02		
22	6 01	27	34	53 2	s 38	56	56	35	09	02		
23	05	27	37	50 8	48	57	55	23	10	02		
24	09	26	40	45 14	28	59	54	12	10	01		
25	13	24	43	37 19	24	18 00	53	01	10	01		
26	16	23	44	26 23	25	01	53 16	49	11	01		
27	20	20	45	14 26	18	02	52	38	11	01		
28	6 24	23 18	23 45	23 59	27 55	18 03	20 51	16 26	20 12	21 00		
29	28	15	45	42 28	11	05	50	14	12	00		
30	32	12	44	23 27	06	07	49	02	13	00		

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

JULY, 1912

New Moon July 14th in ☽ 21° 38'

Longitude of the Planets

D	⊕	♀	☿	♃	♄	♅	♆	♇	♈	♉	♊
	°	'	°	'	°	'	°	'	°	'	°
1	9 14	7 59	24 48	0 31	29 23	7R04	20 27	2R23	22 58	17 27	
2	10 11	9 13	26 39	12 23	30	6 59	21 03	20 23	00	23	
3	11 08	10 27	28 27	24 14	36	54	40	18	02	20	
4	12 06	11 40	0R14	6M07	43	48	22 17	16	04	17	
5	13 03	12 54	1 58	18 06	49	44	53	14	07	14	
6	14 00	14 08	3 41	0P15	56	39 23	30	12	09	11	
7	14 57	15 22	5 21	12 39	0II02	6 34	24 07	2 09	23 11	17 08	
8	15 54	16 35	6 59	25 22	08	30	43	07	13	05	
9	16 52	17 49	8 35	8 830	14	25	25 20	05	15	01	
10	17 49	19 03	10 09	22 06	20	21	57	03	18	16 58	
11	18 46	20 17	11 41	6II11	26	17 26	33	00	20	55	
12	19 43	21 31	13 11	20 45	32	13 27	10	1 58	22	52	
13	20 41	22 45	14 39	5E42	38	10	47	56	24	49	
14	21 38	23 58	16 05	20 55	0 44	6 06	28 24	1 53	23 27	16 45	
15	22 35	25 12	17 28	6R12	50	03	29 01	51	29	42	
16	23 32	26 26	18 50	21 23	56	5 59	38	49	31	39	
17	24 30	27 40	20 09	6M17	1 01	56	0M15	46	33	36	
18	25 27	28 54	21 25	20 48	07	54	52	44	35	33	
19	26 24	0R08	22 39	4E52	12	51	1 29	41	38	30	
20	27 21	1 22	23 52	18 29	18	48	2 06	39	40	26	
21	28 19	2 36	25 01	1M42	1 23	5 46	2 43	1 37	23 42	16 23	
22	29 16	3 49	26 08	14 33	29	44	3 20	34	44	20	
23	0R13	5 03	27 12	27 07	34	42	57	32	47	17	
24	1 11	6 17	28 14	9 E 27	39	40	4 35	29	49	14	
25	2 08	7 31	29 13	21 37	44	39	5 12	27	51	10	
26	3 05	8 45	0M09	3V39	49	37	49	25	53	07	
27	4 03	9 59	1 01	15 37	54	5 36	6 27	22	55	04	
28	5 00	11 13	1 51	27 31	1 59	5 35	7 04	1 20	23 58	16 02	
29	5 57	12 27	2 37	9M23	2 04	34	41	17 24	00	15 58	
30	6 55	13 41	3 20	21 15	09	34	8 19	15	02	55	
31	7 52	14 55	3 59	3M09	13	33	56	13	04	51	

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

JULY, 1912

Full Moon July 29th in  $\approx 5^{\circ} 57'$

Declination of the Planets

D	ST	$\odot$	$\varnothing$									
		N	N	N	N	S	N	S	N	S	N	S
1	6 36	23 08	23 42	23 02	24 49	18 08	20 49	15 50	20 13	20 59		
2	40	04	39	22 40	21 27	09	48	38	13	59		
3	44 22	59	36	16 17	14	11	47	26	14	59		
4	48	54	32	21 51	12 21	12	47	14	14	58		
5	52	49	28	25	6 57	13	46	01	15	58		
6	56	43	22	20 57	1 15	14	46	14 49	15	58		
7	7 00	22 37	23 16	20 28	4N38	18 16	20 45	14 36	20 17	20 57		
8	04	30	09	19 59	10 30	17	45	23	17	57		
9	08	23	02	28 16	05	18	44	11	18	57		
10	12	16 22	54	18 57	21 06	19	44	13 58	18	56		
11	16	08	45	25 25	06	20	43	45	19	56		
12	20	00	36	17 53	27 37	22	43	32	19	56		
13	23 21	52	25	20 28	14	23	42	18	20	55		
14	7 27	21 43	22 15	16 47	26 45	18 24	20 42	13 05	20 20	20 55		
15	31	34	03	14 23	18	25	41	12 52	21	54		
16	35	24 21	51	15 41	18 16	26	41	38	21	54		
17	39	14	38	07	12 12	27	40	25	22	54		
18	43	04	25	14 33	5 37	28	40	11	22	54		
19	47 20	53	11	00	1s03	29	40	11 58	23	53		
20	51	42 20	57	13 26	7 28	30	40	44	23	53		
21	7 55	20 31	20 41	12 53	13 22	18 31	20 39	11 30	20 24	20 52		
22	59	19	26	21 18	32	32	39	16	24	52		
23	8 03	07	09	11 48	22 46	33	39	02	25	51		
24	07	19 54	19 52	16 25	53	34	39	10 48	25	51		
25	11	42	35	10 45	27 46	35	39	34	26	51		
26	15	29	17	15 28	19	35	39	20	26	50		
27	19	15 18	58	9 45	27 31	36	39	06	27	50		
28	8 23	19 02	18 39	9 16	25 28	18 37	20 39	9 52	20 27	20 50		
29	27 18	48	19	8 48	22 19	38	39	39	28	49		
30	31	33 17	59	21 18	15	38	39	23	28	49		
31	34	19	36	7 56	13 28	39	39	08	29	48		

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

AUGUST, 1912

New Moon August 12th in ♈ 19° 22'

Longitude of the Planets

D	⊕	♀	☿	♃	♄	♅	♆	♇	♈	♉	♊	♋
	°⊕'	°♀'	°☿'	°♃'	°♄'	°♅'	°♆'	°♇'	°♈'	°♉'	°♊'	°♋'
1	8 49	16 09	4 34	15 05	2 18	5R33	9 34	1R10	24 06	15 48		
2	9 47	17 23	5 05	27 08	22	33	10 11	08	08	08	45	
3	10 44	18 37	32	9 ♀ 20	27	d33	49	06	11	11	42	
4	11 42	19 51	54	21 46	31	33	11 26	03	13	13	39	
5	12 39	21 05	6 12	4 8 29	35	34	12 04	01	15	15	36	
6	13 37	22 19	25	17 33	39	34	42	0 59	17	17	33	
7	14 34	23 33	6 33	1H03	2 43	5 35	13 19	0 56	24	19 15	29	
8	15 32	24 47	36	15 00	47	36	57	54		21	26	
9	16 29	26 01	R33	29 25	51	37	14 35	52		23	23	
10	17 27	27 15	25	14 ⊖ 15	55	38	15 13	49		25	19	
11	18 24	28 29	12 29	22	59	40	50	47		28	16	
12	19 22	29 43	5 53	14 ⊙ 38	3 02	42	16 28	45		30	13	
13	20 20	0m57	29 29	51	06	44	17 06	43		32	10	
14	21 17	2 11	5 00	14m52	3 09	5 46	17 44	0 40	24	34 15	07	
15	22 15	3 25	4 25	29 31	13	48	18 22	38		36	04	
16	23 13	4 39	3 46	13-44	16	50	19 00	36		38	01	
17	24 10	5 53	02	27 30	19	53	38	34		40	14 57	
18	25 08	7 08	2 16	10m48	22	56	20 16	32		42	54	
19	26 06	8 22	1 26	23 42	25	59	55	30		44	51	
20	27 04	9 36	0 34	6 ♀ 15	28	6 02	21 33	28		46	48	
21	28 01	10 50	29 ⊙ 41	18 33	3 31	6 05	22 11	0 26	24	48 14	45	
22	28 59	12 04	28 48	0V39	34	09	49	24		49	42	
23	29 57	13 18	27 56	12 37	36	13 23	28	22		51	38	
24	0m55	14 32	06	24 30	39	16 24	06	20		53	35	
25	1 53	15 46	26 19	6.~22	41	20	44	18		55	32	
26	2 51	17 00	25 37	18 15	43	25	25 23	16		57	29	
27	3 49	18 14	24 59	0 ♀ 10	45	29	26 01	14		59	26	
28	4 47	19 28	24 28	12 09	3 47	6 34	26 40	0 12	25	01 14	22	
29	5 45	20 42	04	24 14	49	38	27 18	10		02	19	
30	6 43	21 56	23 46	6 ♀ 27	51	43	57	09		04	16	
31	7 41	23 11	38	18 50	53	48	28 35	07		06	13	

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

AUGUST, 1912

Full Moon August 27th in ♋ 3° 49'

Declination of the Planets

D	ST	⊕ N	♀ N	☿ N	♃ S	♅ N	♆ S	♇ N	♈ S	♉ N	♊ S	Ψ N
1	8 38	18 04	17 17	7 31	8 10	18 40	20 39	8 54	20 30	20 48		
2	42 17	17 48	16 56	09	2 31	41	39	39	30	48		
3	46	33	34	6 47	3N18	42	40	24	31	47		
4	50	17	11	28	9 06	42	40	10	31	47		
5	54	01	15 48	11	14 40	43	40	7 55	32	47		
6	58 16	45	25	5 55	19 45	43	41	40	32	46		
7	9 02	16 28	15 01	5 42	24 01	18 44	20 41	7 25	20 33	20 46		
8	06	11	14 37	31	27 01	45	41	10	33	46		
9	10 15	54	12	22	28 22	46	42	6 55	34	45		
10	14	37	13 47	17	27 45	46	42	40	34	45		
11	18	19	22	14	25 05	47	43	25	35	44		
12	22	01	12 56	13	20 38	47	43	10	35	44		
13	26 14	43	30	16	14 50	48	44	5 54	36	44		
14	9 30	14 25	12 03	5 22	8 14	18 48	20 44	5 39	20 36	20 43		
15	34	06	11 37	31	1 20	49	45	24	37	43		
16	38 13	47	10	43	5s26	49	45	08	37	43		
17	41	28	10 42	58	11 45	50	46	4 53	38	42		
18	45	09	14	6 15	17 19	50	47	38	38	42		
19	49 12	49	9 47	36	21 55	50	48	22	39	42		
20	53	30	18	58	25 24	51	48	07	39	41		
21	9 57	12 10	8 50	7 23	27 36	18 51	20 49	3 51	20 40	20 41		
22	10 01	11 50	21	50	28 28	51	50	35	40	41		
23	05	30	7 52	8 17	27 58	52	51	20	40	40		
24	09	09	23	46	26 12	52	51	04	41	40		
25	13 10	49	6 54	9 14	23 16	52	52	2 49	41	40		
26	17	28	24	43	19 22	53	53	33	41	39		
27	21	07	5 55	10 11	14 42	53	54	17	42	39		
28	10 25	9 46	5 25	10 37	9 27	18 53	20 55	2 01	20 42	20 39		
29	29	24	4 55	11 02	3 48	53	56	1 46	43	38		
30	33	03	25	25	2N02	54	57	30	43	38		
31	37	8 42	3 55	46	7 54	54	58	14	44	38		

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

SEPTEMBER, 1912

New Moon September 11th in ♡ 18° 21'

Longitude of the Planets

D	⊕	♀	☿	♃	♄	♅	♆	♇	♈	♉	♊	♋
	° ♡'	° ♡'	° ♀'	° ♃'	° ♄'	° ♅'	° ♆'	° ♇'	° ♈'	° ♉'	° ♊'	° ♋'
1	8 39	24 25	23d37	1 25	3 55	6 53	29 14	0R05	25 08	14 10		
2	9 37	25 39	23 45	14 14	56	59	52	03	09	07		
3	10 35	26 53	24 01	27 22	58	7 04	0-31	02	11	03		
4	11 33	28 07	24 26	10Π50	59	10	1 10	00	13	01		
5	12 31	29 21	25 00	24 40	4 00	15	49 29V559	25	14	13 57		
6	13 29	0-35	25 41	8-52	01	21	2 28	57	16	54		
7	14 28	1 49	26 31	23 25	4 02	7 27	3 06	29 56	25 18	13 51		
8	15 26	3 03	27 29	8♀14	03	34	45	54	19	47		
9	16 24	4 17	28 33	23 13	04	40	4 24	53	21	44		
10	17 23	5 31	29 44	8♀13	05	47	5 03	51	22	41		
11	18 21	6 45	1m01	23 05	05	53	42	50	24	38		
12	19 20	7 59	2 25	7-41	06	8 00	6 21	49	25	35		
13	20 18	9 14	3 32	21 56	06	07	7 00	47	27	32		
14	21 16	10 28	5 25	5m46	4 07	8 14	7 40	29 46	25 28	13 29		
15	22 15	11 42	7 01	19 10	07	21	8 19	45	29	25		
16	23 13	12 56	8 41	2 1 09	07	29	58	44	31	22		
17	24 12	14 10	10 23	14 46	R07	36	9 37	43	32	19		
18	25 11	15 24	12 08	27 06	06	44	10 17	42	34	16		
19	26 09	16 38	13 54	9V512	06	52	56	41	35	13		
20	27 08	17 52	15 43	21 09	06	9 00	11 35	40	36	10		
21	28 07	19 06	17 32	3-02	4 06	9 08	12 15	29 39	25 37	13 06		
22	29 05	20 20	19 21	14 54	05	16	54	38	39	03		
23	0-4	21 34	21 11	26 48	04	24	13 34	37	40	00		
24	1 03	22 48	23 02	8♀48	03	33	14 13	37	41	12 57		
25	2 02	24 02	24 52	20 56	02	41	53	36	42	53		
26	3 00	25 16	26 42	3Υ13	01	50	15 33	35	43	50		
27	3 59	26 30	28 32	15 42	00	59	16 12	35	44	47		
28	4 58	27 44	0-21	28 22	3 59	10 08	16 52	29 34	25 45	12 44		
29	5 57	28 58	2 10	11 15	57	17	17 32	34	46	41		
30	6 56	0m12	3 59	24 22	56	26	18 12	33	47	38		

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

SEPTEMBER, 1912

Full Moon (Eclipse) September 26th in  $\tau$   $3^{\circ} 0'$

Declination of the Planets

D	ST	$\odot$	$\gamma$									
		N	N	N	N	N	N	S	S	N	S	N
1	10 41	8 20	3 24	12 04	13 32	18 54	20 59	0 58	20 44	20 37		
2	45	7 58	2 54	19	18 43	54	21 01	42	45	37		
3	49	36	23	31	23 09	54	02	26	45	37		
4	52	14	1 53	40	26 28	54	03	11	45	37		
5	56	6 52	22	45	28 18	54	04	505	45	36		
6	11 00	29	0 51	46	28 21	54	05	21	45	36		
7	11 04	6 07	0 20	12 44	26 28	18 54	21 06	0 37	20 46	20 35		
8	08	5 45	s11	38	22 46	54	07	53	46	35		
9	12	22	41	29	17 32	54	09	1 09	46	35		
10	16	4 59	1 12	16	11 14	54	10	25	46	34		
11	20	36	43	11 59	4 21	54	11	41	47	34		
12	24	13	2 14	39	2s39	54	12	57	47	34		
13	28	3 51	45	16	9 21	54	14	2 13	47	34		
14	11 32	3 27	3 16	10 49	15 25	18 54	21 15	2 29	20 47	20 34		
15	36	04	46	20	20 33	54	16	45	48	33		
16	40	2 41	4 17	9 48	24 32	53	18	3 01	48	33		
17	44	18	48	14 27	13	53	19	17	48	33		
18	48	1 55	5 18	8 38	28 29	53	20	33	48	33		
19	52	32	49	7 59	28 22	53	22	49	49	32		
20	56	08	6 19	19 26	55	53	23	4 04	49	32		
21	11 59	0 45	6 49	6 38	24 17	18 52	21 24	4 20	20 49	20 32		
22	12 03	22	7 19	5 55	20 37	52	25	36	49	32		
23	07	s02	49	11	16 08	52	27	52	49	31		
24	11	25	8 19	4 27	10 59	52	29	5 08	50	31		
25	15	49	48	3 42	5 22	51	30	24	50	31		
26	19	1 12	9 17	2 56	0N30	51	31	39	50	31		
27	23	35	47	09	6 28	51	33	55	50	30		
28	12 27	1 59	10 15	1 23	12 16	18 50	21 35	6 11	20 50	20 30		
29	31	2 22	44	0 36	17 38	50	36	27	50	30		
30	35	45	11 13	s11	22 18	49	37	42	50	30		

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

OCTOBER, 1912

New Moon (Eclipse) October 10th in  $\simeq 16^{\circ} 48'$

Longitude of the Planets

D	$\odot$	$\varnothing$	$\vartheta$	$\wp$	$\Delta$	$\Sigma$	$\varphi$	$\psi$	$\pi$	$\Omega$	$\Psi$	$\Omega$
	$^{\circ}\text{m}'$											
1	7 55	1 26	5 46	7 42	3R54	10 35	18 52	29R33	25 48	12 34		
2	8 54	2 39	7 33	21 18		53	45 19	32	49	31		
3	9 53	3 53	9 19	5 50	8	51	54 20	12	32	50	28	
4	10 52	5 07	11 04	19 12		49	11 04	20 52	32	51	25	
5	11 52	6 21	12 49	3 29	29	47	13 21	32	31	52	22	
6	12 51	7 35	14 33	17 56		45	23 22	12	31	52	18	
7	13 50	8 49	16 16	2 29	29	3 43	11 33	22 52	29 31	25 53	12 15	
8	14 49	10 03	17 58	17 04		40	43 23	32	31	54	12	
9	15 49	11 17	19 39	1 34	34	38	53 24	12	31	54	99	
10	16 48	12 31	21 20	15 53		35	12 04	24 53	29D31	55	06	
11	17 47	13 45	23 00	29 57		33	14 25	33	31	56	03	
12	18 47	14 58	24 39	13 42	42	30	24 26	13	31	56	11 59	
13	19 46	16 12	26 18	27 05		27	35 26	54	31	57	56	
14	20 46	17 26	27 56	10 07	07	3 24	12 46	27 34	29 32	25 57	11 53	
15	21 45	18 40	29 33	22 47		22	56 28	14	32	58	50	
16	22 45	19 54	1 09	5 09	09	18	13 07	28 55	32	58	47	
17	23 44	21 08	2 45	17 17		15	18 29	36	33	59	44	
18	24 44	22 21	4 20	29 15		12	29 0m 16		33	59	40	
19	25 44	23 35	5 55	11 07	07	09	40 0	57	34	26 00	37	
20	26 43	24 49	7 29	22 59		05	51 1	38	34	00	34	
21	27 43	26 03	9 02	4 55	55	3 02	14 02	2 19	29 35	26 00	11 31	
22	28 43	27 17	10 35	16 59		2 58	14	2 59	35	00	28	
23	29 43	28 30	12 07	29 14		55	25	3 40	36	01	25	
24	0m 42	29 44	13 39	11 43		51	37	4 21	37	01	22	
25	1 42	0 58	15 10	24 28		47	48	5 02	38	01	18	
26	2 42	2 11	16 40	7 8 30		43	15 00	5 43	39	01	15	
27	3 42	3 25	18 10	20 47		39	12 6	24	39	01	12	
28	4 42	4 39	19 40	4 20	20	2 35	15 24	7 05	29 40	26 01	11 08	
29	5 42	5 52	21 09	18 04		31	35	7 46	41	01	05	
30	6 42	7 06	22 37	1 59	59	27	47	8 28	42	R01	03	
31	7 42	8 20	24 05	16 01		23	59	9 09	43	01	10 59	

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

OCTOBER, 1912

Full Moon October 26th in  $\delta$   $2^{\circ} 42'$

Declination of the Planets

D	ST	$\odot$ S	$\varnothing$ S	$\wp$ S	$\Delta$ N	$\gamma$ N	$\zeta$ S	$\ell$ S	$\delta$ S	$\pi$ S	$\Psi$ N
1	12 39	3 09	11 41	0 58	25 54	18 49	21 39	6 58	20 50	20 30	
2	43	32	12 09	1 44	28 05	49	40	7 14	50	30	
3	47	55	36	2 31	28 36	48	42	29	50	29	
4	51	4 19	13 04	3 17	27 16	48	43	45	50	29	
5	55	42	31	4 03	24 11	47	45	8 00	50	29	
6	59	5 05	58	4 49	19 34	47	46	16	50	29	
7	13 03	5 28	14 24	5 34	13 46	18 46	21 48	8 31	20 50	20 29	
8	07	51	50	6 19	7 12	46	49	47	50	29	
9	10	6 14	15 16	7 03	0 18	45	51	9 02	50	29	
10	14	37	41	7 47	6s33	45	53	17	50	28	
11	18	59	16 06	8 31	12 57	44	54	32	50	28	
12	22	7 22	31	9 13	18 35	43	56	48	50	28	
13	26	44	55	9 55	23 08	42	57	10 03	50	28	
14	13 30	8 07	17 19	10 37	26 24	18 42	21 59	10 18	20 50	20 28	
15	34	29	42	11 18	28 13	41	22 00	33	50	28	
16	38	51	18 05	11 58	28 35	41	01	48	50	28	
17	42	9 13	27	12 38	27 33	40	03	11 03	50	28	
18	46	35	49	13 17	25 15	40	04	18	50	28	
19	50	57	19 11	13 55	21 53	39	06	32	50	28	
20	54	10 19	32	14 32	17 39	38	07	47	50	27	
21	13 58	10 40	19 52	15 09	12 42	18 37	22 09	12 02	20 49	20 27	
22	14 02	11 02	20 12	15 44	7 14	37	10	16	49	27	
23	06	23	31	16 19	1 25	35	12	31	49	27	
24	10	44	50	16 54	4N35	35	13	45	49	27	
25	14 12 05	21 08	17 27	10 31		34	15	59	49	27	
26	17	25	26	17 59	16 08	34	16	13 13	48	27	
27	21	46	43	18 31	21 06	33	17	28	48	27	
28	14 25	13 06	22 00	19 02	25 05	18 32	22 19	13 42	20 48	20 27	
29	29	26	15 19	31 27	40	31	20	55	48	27	
30	33	46	31 20	00 28	35	30	21	14 09	47	27	
31	37	14 05	45 20	28 27	40	29	23	23	47	27	

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

NOVEMBER, 1912

New Moon November 9th in  $\pi$   $16^{\circ} 43'$

Longitude of the Planets

D	$\odot$	$\oplus$	$\ominus$	$\oslash$	$\oslash$	$\oplus$	$\ominus$	$\oplus$	$\ominus$	$\oplus$	$\ominus$	$\oplus$	$\ominus$	
	$^{\circ}$ $\oplus'$	$^{\circ}$ $\ominus'$	$^{\circ}$ $\oplus'$											
1	8 42	9 33	25 33	0 08	2R19	16 11	9 50	29 45	26R01	10 56				
2	9 42	10 47	27 00	14 18		15	24 10	32		46	01		53	
3	10 42	12 00	28 25	28 29		10	36 11	13		47	01		50	
4	11 42	13 14	29 51	12 $\pi$ 39		06	48 11	54		48	00		46	
5	12 42	14 27	1 16	26 46		01	17 00	12 36		50	00		43	
6	13 43	15 41	2 40	10 $\Delta$ 47		1 57	13 13	17		51	00		40	
7	14 43	16 54	4 03	24 40		1 52	17 25	13 59	29 53	26 00	10 37			
8	15 43	18 08	5 25	8 $\pi$ 23		48	38 14	41	54	00		34		
9	16 43	19 21	6 46	21 52		43	50 15	22	56 25	59		31		
10	17 44	20 35	8 07	5 104		38	18 03	16 04		57	59		27	
11	18 44	21 48	9 26	18 00		34	16 16	46		59	58		24	
12	19 45	23 02	10 44	0 $\nu$ 38		29	29 17	28	0 $\Delta$ 00		58		21	
13	20 45	24 15	12 00	12 59		24	41 18	09		02	57		18	
14	21 45	25 28	13 15	25 07		1 19	18 54	18 51	0 04	25	57	10	14	
15	22 46	26 42	14 27	7 $\Delta$ 05		14 19	07 19	33		06	56		11	
16	23 47	27 55	15 38	18 57		10	20 20	15		08	56		08	
17	24 48	29 08	16 47	0 $\times$ 47		05	33 20	57		09	55		05	
18	25 48	0 $\nu$ 22	17 52	12 42		00	46 21	40		11	55		03	
19	26 48	1 35	18 55	24 46		0 55	59 22	22		13	54	9	59	
20	27 49	2 48	19 54	7 $\gamma$ 04		50	20 12	23 04		15	53		55	
21	28 49	4 01	20 50	19 40		0 45	20 25	23 46	0 18	25	52	9	52	
22	29 50	5 14	21 41	2 837		40	39 24	28		20	52		49	
23	0 151	6 28	22 27	15 56		35	52 25	11		22	51		46	
24	1 51	7 41	23 07	29 37		30	21 05	25 53		24	50		43	
25	2 52	8 54	23 41	13 $\Pi$ 37		25	18 26	35		26	49		40	
26	3 53	10 07	24 08	27 51		21	32 27	18		28	48		36	
27	4 53	11 20	24 27	12 $\Delta$ 14		16	45 28	00		31	47		33	
28	5 54	12 33	24 37	26 40		0 11	21 58	28 43	0 33	25	46	9	30	
29	6 55	13 45	24R38	11 $\varnothing$ 03		06	22 12	29 26		36	45		27	
30	7 56	14 58	24 29	25 20		01	25 0 $\tau$ 08			38	44		24	

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

NOVEMBER, 1912

Full Moon November 24th in II 1° 51'

Declination of the Planets

D	ST	○ S	♀ S	☿ S	☽ N	☿ N	♀ S	☽ S	♂ S	☿ S	♀ N
1	14 41	14 25	22 59	20 54	24 59	18 28	22 24	14 37	20 47	20	27
2	45	44 23	13 21	20 20	47	27	25	50	47	27	
3	49	15 03	26	45 15	24	26	27	15 04	46	27	
4	53	21	38 22	08 9	12	25	28	17	46	27	
5	57	40	49	31 2	34	24	30	30	46	27	
6	15 01	58 24	00	52 4s09		23	31	43	45	27	
7	15 05	16 16	24 10	23 12	10 37	18 22	22 32	15 56	20 45	29	27
8	09	33	19	31 16	29	22	33	16 09	45	27	
9	13	51	28	49 21	27	21	35	22	44	27	
10	17	17 08	35 24	06 25	14	20	36	35	44	27	
11	21	25	43	21 27	37	19	37	47	44	28	
12	24	41	49	35 28	31	18	38	17 00	44	28	
13	28	57	55	47 27	57	17	40	12	43	28	
14	15 32	18 13	25 00	24 58	26 04	18 16	22 41	17 24	20 43	20	28
15	36	29	04 25	08 23	01	15	42	36	42	28	
16	40	44	07	16 19	03	14	43	48	42	28	
17	44	59	10	23 14	21	13	45	18 00	41	28	
18	48	19 13	12	29 9	06	12	46	11	41	28	
19	52	27	13	32 3	27	11	47	23	40	28	
20	56	41	14	35 2N26		10	48	34	40	29	
21	16 00	19 55	25 13	25 35	8 22	18 09	22 49	18 45	20 40	20	29
22	04 20	08	13	35 14	07	08	50	56	40	29	
23	08	20	11	32 19	23	07	51	19 07	39	29	
24	12	33	09	28 23	48	06	52	18	39	29	
25	16	45	05	22 26	56	05	53	28	38	29	
26	20	56	01	15 28	24	05	54	39	38	29	
27	24 21	07	24 57	05 27	57	04	55	49	37	30	
28	16 28	21 18	24 51	24 54	25 38	18 03	22 56	19 59	20 37	20	30
29	32	29	45	41 21	42	02	57	20 09	36	30	
30	35	39	38	26 16	30	01	58	19	35	30	

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

DECEMBER, 1912

New Moon December 8th in ♫ 16° 3'

Longitude of the Planets

D	⊕	♀	☿	♃	♄	♅	♆	♇	♈	♉	♊	♋
	°	°	°	°	°	°	°	°	°	°	°	°
	′	′	′	′	′	′	′	′	′	′	′	′
1	8 57	16 11	24Ⅲ09	9 27	29Ⅲ56	22 39	0 51	0 40	25Ⅲ43	9 21		
2	9 57	17 24	23 38	23 25		51	52	1 34	43	42		18
3	10 58	18 37	22 55	7=12		47	23 06	2 17	46	41		14
4	11 59	19 49	22 02	20 49		42	19	3 00	48	40		11
5	13 00	21 02	20 59	4m16		37	33	3 42	51	39		08
6	14 01	22 15	19 48	17 33		32	46	4 25	53	38		06
7	15 02	23 27	18 30	0 ♫ 39	29 28	24 00	5 08	0 56	25 37	9 02		
8	16 03	24 40	17 09	13 33		23	14	5 51	59	35	9 59	
9	17 04	25 52	15 45	26 15		19	27	6 35	1 02	34		55
10	18 05	27 05	14 24	8Ⅲ44		14	41	7 18	04	33		53
11	19 06	28 17	13 07	21 00		10	55	8 01	07	32		49
12	20 07	29 29	11 56	3.~05		05	25 08	8 44	10	30		45
13	21 08	0.~41	10 54	15 00		01	22	9 27	13	29		42
14	22 09	1 54	10 02	26 50	28 56	25 36	10 11	1 16	25 28	8 39		
15	23 10	3 06	9 21	8Ⅲ38		52	50	10 54	19	26		36
16	24 11	4 18	8 50	20 30		48	26 03	11 38	22	25		33
17	25 12	5 30	8 31	2 ♫ 31		44	17	12 21	25	23		30
18	26 14	6 42	8 23	14 46		40	31	13 04	28	22		27
19	27 15	7 53	8D24	27 21		36	44	13 48	31	21		23
20	28 16	9 05	8 35	10 ♫ 21		32	58	14 32	34	19		20
21	29 17	10 17	8 54	23 47	28 28	27 12	15 15	1 37	25 18	8 17		
22	0Ⅲ18	11 28	9 21	7Ⅱ40		24	26	15 59	40	16		14
23	1 19	12 40	9 56	21 59		20	39	16 43	43	15		11
24	2 20	13 51	10 36	6.~38		17	53	17 26	1 46	13	8 08	
25	3 21	15 02	11 22	21 29		13	28	07 18	10	49		04
26	4 22	16 14	12 13	6Ω23		10	20	18 54	53	10		01
27	5 24	17 25	13 08	21 11		06	34	19 38	56	08	7 58	
28	6 25	18 36	14 07	5m47	28 03	28 48	20 22	1 59	25 07	7 55		
29	7 26	19 47	15 10	20 06		00	29 01	21 06	2 02	05		52
30	8 27	20 57	16 15	4=06	27 57		15 21	50	06	04		48
31	9 28	22 08	17 24	17 48		54	29 22	34	09	02		45

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES  
Calculated for Mean Noon at Greenwich  
DECEMBER, 1912

Full Moon December 24th in  $\omega$   $2^{\circ} 20'$

Declination of the Planets

D	ST	$\odot$	$\varnothing$	$\gamma$	$\delta$	$\nu$	$\mu$	$\zeta$	$\pi$	$\vartheta$	$\Psi$
		S	S	S	N	N	S	S	S	S	N
1	16 39	21 48	24 30	24 10	10 29	18 00	22 58	20 28	20 34	20 30	
2	43	57	22 23	51 4	01 17	59 59		37	34	30	
3	47 22	06	13	30	2s34	58 23	00	47	33	31	
4	51	14	03	08	8 58	57 01		56	33	31	
5	55	22 23	53 22	44 14	52 14	56 02	21 04		32	31	
6	59	30	42	18 20	00	56 02	13		32	31	
7	17 03	22 37	23 30	21 52	24 06	17 55	23 03	21 21	20 31	20 31	
8	07	43	17	25 26	54	54	03	30	31	32	
9	11	49	04 20	59 28	17	53	04	38	30	32	
10	15	55 22	50	32 28	11	52	05	46	29	32	
11	19 23	00	36	10 26	41	51	06	53	28	32	
12	23	05	21 19	48 23	58	51	06 22	01	28	32	
13	27	09	05	30 20	15	50	07	08	27	33	
14	17 31	23 13	21 49	19 15	15 46	17 50	23 07	22 15	20 27	20 33	
15	35	17	32	04 10	43	49	08	22	26	33	
16	39	20	14 18	56 5	15	48	08	28	26	33	
17	42	22 20	56	51	0s28	47	09	35	25	34	
18	46	24	38	50	6 17	46	09	41	24	34	
19	50	25	18	52 12	01	45	10	47	23	34	
20	54	26 19	59	57 17	25	45	10	53	23	34	
21	17 58	23 27	19 38	19 04	22 10	17 44	23 11	22 58	20 22	20 35	
22	18 02	27	18	13 25	50	44	11 23	04	21	35	
23	06	27 18	56	24 28	00	43	12	09	20	35	
24	10	26	35	36 28	17	43	12	14	20	35	
25	14	25	12	49 26	33	42	12	18	19	36	
26	18	23 17	50 20	04 22	57	42	12	23	19	36	
27	22	21	26	18 17	54	41	13	27	18	37	
28	18 26	23 18 17	03 20	33 11	53 17	41 23	13 23	31 20	18 20	37	
29	30	15 16	39	49	5 20	40	13	34	17	37	
30	34	11	14 21	04	1s20	39	13	38	16	37	
31	38	07 15	50	19	7 48	39	13	41	15	38	

**TABLE OF PROPORTIONAL LOGARITHMS**  
Hours or Degrees

Min.	0	1	2	3	4	5	6	7	8	9	10	11
0	3.1584	1.3802	1.0792	9031	7781	6812	6021	5351	4771	4260	3802	3388
1	3.1584	.3730	.0756	07	63	6798	09	41	62	52	3795	82
2	2.8573	.3660	.0720	8983	45	84	5997	30	53	44	88	75
3	.6812	.3590	.0685	59	28	69	85	20	44	36	80	68
4	.5563	.3522	.0649	8935	10	55	73	10	35	28	73	62
5	2.4594	1.3454	1.0614	8912	7692	6741	5961	5300	4726	4220	3766	3355
6	.3802	.3388	.0580	8888	74	26	49	5289	17	12	59	49
7	.3133	.3323	.0546	65	57	12	37	79	08	04	52	42
8	.2553	.3258	.0511	42	39	6698	25	69	4699	4196	45	36
9	.2041	.3195	.0478	19	22	84	13	59	.90	88	38	29
10	2.1584	1.3133	1.0444	8796	7604	6670	5902	5249	4682	4180	3730	3323
11	.1170	.3071	.0411	73	7587	56	5890	39	73	72	23	16
12	.0792	.3010	.0378	51	70	42	78	29	64	64	16	10
13	.0444	.2950	.0345	28	52	28	66	19	55	56	09	03
14	.0122	.2891	.0313	06	35	14	55	09	46	49	02	3297
15	1.9823	1.2833	1.0280	8683	7518	6600	5843	5199	4638	4141	3695	3291
16	.9542	.2775	.0248	61	01	6587	32	89	29	33	88	84
17	.9279	.2719	.0216	39	7484	73	20	79	20	25	81	78
18	.9031	.2663	.0185	17	67	59	09	69	11	17	74	71
19	.8796	.2607	.0153	8595	51	46	5797	59	03	09	67	65
20	1.8573	1.2553	1.0122	8573	7434	6532	5786	5149	4594	4102	3660	3258
21	.8361	.2499	.0091	52	17	19	74	39	85	4094	53	52
22	.8159	.2446	.0061	30	01	05	63	29	77	86	46	46
23	.7966	.2393	.0030	09	7384	6492	52	20	68	79	39	39
24	.7781	.2341	1.0000	8487	68	78	40	10	59	71	32	33
25	1.7604	1.2289	0.9970	8466	7351	6465	5729	5100	4551	4063	3625	3227
26	.7434	.2239	.9940	45	35	51	18	5090	42	55	18	20
27	.7270	.2188	.9910	24	18	38	06	81	34	48	11	14
28	.7112	.2139	.9881	03	02	25	5695	71	25	40	04	08
29	.6960	.2090	.9852	8382	7286	12	84	61	16	32	3597	01
30	1.6812	1.2041	0.9823	8361	7270	6398	5673	5051	4508	4025	3590	3195
31	.6670	.1993	.9794	41	54	85	62	42	4499	17	83	89
32	.6532	.1946	.9765	21	38	72	51	32	91	10	77	83
33	.6398	.1899	.9737	00	22	59	40	23	82	02	70	76
34	.6269	.1852	.9708	8279	06	46	29	13	74	3995	63	70
35	1.6143	1.1806	0.9680	8259	7190	6333	5618	5003	4466	3987	3556	3164
36	.6021	.1761	.9652	39	74	20	07	4994	57	79	49	57
37	.5902	.1716	.9625	19	59	07	5596	84	49	72	42	51
38	.5786	.1671	.9597	8199	43	6294	85	75	40	64	35	45
39	.5673	.1627	.9570	79	28	82	74	65	32	57	29	39
40	1.5563	1.1584	0.9542	8159	7112	6269	5563	4956	4424	3949	3522	3133
41	.5456	.1540	.9515	40	7097	56	52	47	15	42	15	26
42	.5351	.1498	.9488	20	81	43	41	37	07	34	08	20
43	.5249	.1455	.9462	01	66	31	31	28	4399	27	01	14
44	.5149	.1413	.9435	8081	50	18	20	18	90	19	3495	08
45	1.5051	1.1372	0.9409	8062	7035	6205	5509	4909	4382	3912	3488	3102
46	.4956	.1331	.9383	43	20	6193	5498	00	74	05	81	3096
47	.4863	.1290	.9356	23	05	80	88	4890	65	3897	75	89
48	.4771	.1249	.9330	04	6990	68	77	81	57	90	68	83
49	.4682	.1209	.9305	7985	75	55	66	72	49	82	61	77
50	1.4594	1.1170	0.9279	7966	6960	6143	5456	4863	4341	3875	3455	3071
51	.4508	.1130	.9254	47	45	31	45	53	33	68	48	65
52	.4424	.1097	.9228	29	30	18	35	44	24	60	41	59
53	.4341	.1053	.9203	10	15	06	24	35	16	53	35	53
54	.4260	.1015	.9178	7891	00	6094	14	26	08	46	28	47
55	1.4180	1.0977	0.9153	7873	6885	6081	5403	4817	4300	3838	3421	3041
56	.4102	.0939	.9128	54	71	69	5393	08	4292	31	15	35
57	.4025	.0902	.9104	36	56	57	82	4799	84	24	08	28
58	.3949	.0865	.9079	18	41	45	72	89	76	17	01	22
59	.3875	.0828	.9055	00	27	33	61	80	68	09	3395	16

**TABLE OF PROPORTIONAL LOGARITHMS**  
Hours or Degrees

Min.	12	13	14	15	16	17	18	19	20	21	22	23
0	3010	2663	2341	2041	1761	1498	1249	1015	0792	0580	0378	0185
1	04	57	35	36	56	93	45	11	88	77	75	82
2	2998	52	30	32	52	89	41	07	85	73	71	79
3	92	46	25	27	47	85	37	03	81	70	68	75
4	86	41	20	22	43	81	34	0999	77	66	64	72
5	2980	2635	2315	2017	1738	1476	1229	0996	0774	0563	0361	0169
6	74	29	10	12	34	72	55	92	70	59	58	66
7	68	24	05	08	29	68	21	88	66	56	55	63
8	62	18	00	03	25	64	17	84	63	52	52	60
9	56	13	2295	1998	20	60	13	80	59	49	48	57
10	2950	2607	89	1993	1716	1455	1209	0977	0756	0546	0345	0153
11	45	02	84	89	11	51	05	73	52	42	42	50
12	38	2596	79	84	07	47	01	69	49	39	39	47
13	33	91	74	79	02	43	1197	65	45	35	35	44
14	27	85	69	74	1698	38	93	62	42	32	32	41
15	2921	2580	2264	1969	1694	1434	1189	0958	0738	0529	0329	0138
16	15	75	59	65	89	30	85	54	34	25	26	35
17	09	69	54	60	85	26	82	50	31	22	22	32
18	03	64	49	55	80	22	78	47	27	18	19	29
19	2897	58	44	50	76	17	74	43	24	15	16	25
20	2891	2553	2239	1946	1671	1413	1170	0939	0720	0511	0313	0122
21	85	47	34	41	67	09	66	35	17	08	09	19
22	80	42	29	36	63	05	62	32	13	05	06	16
23	74	36	23	32	58	01	58	28	09	01	03	13
24	68	31	18	27	54	1397	54	24	06	0498	00	10
25	2862	2526	2213	1922	1649	1393	1150	0920	0702	0495	0296	0107
26	56	20	08	17	45	88	46	17	0699	91	92	04
27	50	15	03	13	40	84	42	13	95	88	90	01
28	45	09	2198	08	36	80	38	09	92	85	87	0098
29	39	04	93	03	32	76	34	05	88	81	83	94
30	2833	2499	2188	1899	1627	1372	1130	0902	0685	0478	0280	0091
31	27	93	83	94	23	68	26	0898	81	74	77	88
32	21	88	78	90	19	63	23	94	78	71	74	85
33	16	83	73	85	14	59	19	91	74	68	71	82
34	10	77	68	80	10	55	15	87	70	64	67	79
35	2804	2472	2164	1875	1605	1351	1111	0883	0667	0461	0264	0076
36	2798	67	59	71	01	47	07	80	64	58	61	73
37	93	61	54	66	1597	43	03	76	60	54	58	70
38	87	56	49	62	92	39	1099	72	56	51	55	67
39	81	51	44	57	88	35	95	68	53	48	51	64
40	2775	2445	2139	1852	1584	1351	1092	0865	0649	0444	0248	0061
41	70	40	34	48	79	27	88	61	46	41	45	58
42	64	35	29	43	75	22	84	57	42	37	42	55
43	58	30	24	38	71	18	80	54	39	34	39	52
44	53	24	19	34	66	14	76	50	35	31	35	48
45	2747	2419	2114	1829	1562	1310	1072	0846	0632	0428	0232	0045
46	41	14	09	25	58	06	68	43	29	24	29	42
47	36	09	04	20	53	02	64	39	25	21	26	39
48	30	03	2099	16	49	1298	61	35	21	18	23	36
49	24	2398	2095	11	45	94	57	32	18	14	20	33
50	2719	2393	2090	1806	1540	1290	1053	0828	0614	0411	0216	0030
51	13	88	85	02	36	86	49	24	11	08	13	27
52	07	82	80	1797	32	82	45	21	08	04	10	24
53	02	77	75	93	28	78	41	17	04	01	07	21
54	2696	72	70	88	23	74	37	14	01	0398	04	18
55	2691	2367	2065	1784	1519	1270	1034	0810	0597	0394	0201	0015
56	85	62	61	79	15	66	30	06	94	91	0197	12
57	79	56	50	74	10	61	26	03	90	88	94	09
58	74	51	51	70	06	57	22	0799	87	84	91	06
59	68	46	46	65	02	53	18	95	83	81	88	03

# **STUDY**

---

## **PHILOSOPHY, ASTROLOGY, AND THE BIBLE**

---



### ***By Correspondence***

All the Rosicrucian Fellowship courses of instruction are without fees. They are available in several languages. Printing, distributing, and other expenses of producing them are met by Freewill Offerings.

#### **Philosophy—**

The Philosophy courses deal with such subjects as the several planes of nature, the after-death conditions, rebirth and the law of consequence, the origin of our universe, the nature and mission of Christ, initiation and future development. There are three courses, the earnest study of which should help to develop the *sixth sense*—latent in most. The Rosicrucian Philosophy is the Master Key to the invisible planes, and to the hidden forces which impinge upon us from those planes.

#### **Astrology—**

The Astrology courses deal with the science of the stars in the light of occult philosophy. They set forth the cosmic aspects of astrology and its application to daily life in accordance with spiritual law. They are taught as a phase of mystic Christianity and are not to be confused with fortunetelling practices. The Junior course contains 26 lessons; the Senior, 12 lessons; the Senior Extension, 13 lessons.

#### **The Bible—**

The Western Wisdom Bible Teaching is a correspondence course of 28 lessons compiled from the writings of Max Heindel. This course, by making clear the inner meanings of the Scriptures, reveals the underlying principles upon which both science and religion are based. Max Heindel, an Initiate of the Order of the Rose Cross, gives a scientific analysis of Genesis which has "restored" the Bible to thousands.

*A postcard inquiry will bring application blank and full information.*

---

**THE ROSICRUCIAN FELLOWSHIP**  
*Oceanside, California, U.S.A.*

# THE WEB OF DESTINY

*By MAX HEINDEL*

*Sixteen of the ninety-seven monthly lessons sent out to his students by this illumined teacher. They are the fruitage of true esoteric research.*

## TABLE OF CONTENTS

### FOUR PARTS—SIXTEEN CHAPTERS—INDEX

I.—Spiritual Research—The Soul Body; The Christ Within—Memory of Nature; The Dweller on the Threshold—Earthbound Spirits; Sin Body—Possession of, by Self-Made Demons—Elementals; Obsession of Man and of Animals; Creation of Environment—Genesis of Mental and Physical Disabilities; Cause of Disease—Efforts of Ego to Escape from Body—Effects of Lasciviousness; Christ Rays Constitute “Inner Urge”—Etheric Sight—Collective Destiny.

II.—Function of Desire; Color Effects of Emotion in Assemblages of People—Isolating Effect of Worry; Effects of War upon Desire Body—Vital Body as Affected by Detonations of Big Guns; Nature of Ether Atoms—Necessity of Poise; Effects of Remorse—Dangers of Excessive Bathing.

III.—Nature of Preparation for Prayer; The Wings and the Power—the Invocation—the Climax.

IV.—Practical Methods of Achieving Success—Based upon Conservation of Sex Force.

Cloth Bound

167 Pages

THE ROSICRUCIAN FELLOWSHIP  
*Oceanside California, U.S.A.*

# Astro-Diagnosis--a Guide to Healing

By MAX HEINDEL AND AUGUSTA FOSS HEINDEL

Devoted to Medical Astrology and Diagnosis from the horoscope. The most comprehensive and complete book of its kind on the market. Mr. and Mrs. Heindel are recognized authorities in this field.

A chapter is devoted to each of the different parts of the body, i.e., the ears, throat, lungs, etc., with actual example horoscopes showing exactly the method used.

Of much value to students who are practicing nursing or healing in either the medical or the nature-cure school.

482 Pages

Indexed

Cloth Bound

---

## OCCULT PRINCIPLES OF HEALTH AND HEALING

By MAX HEINDEL

Culled with great care from many books, lessons, letters—even from hitherto unpublished notes—of this Western Seer and Initiate, and brought together in one volume.

### PARTIAL LIST OF CONTENTS

Man and His Vehicles; General and Specific Causes of Disease, The Rosicrucian Fellowship Method of Healing; The Science of Nutrition; Astrology as an Aid in Healing; Therapeutic Basis for Light, Color, and Sound; The Scope of Healing; The Real Nature of Death.

244 Pages

Fully Indexed

Cloth Bound

*Prices on request*

THE ROSICRUCIAN FELLOWSHIP  
*Oceanside, California, U.S.A.*